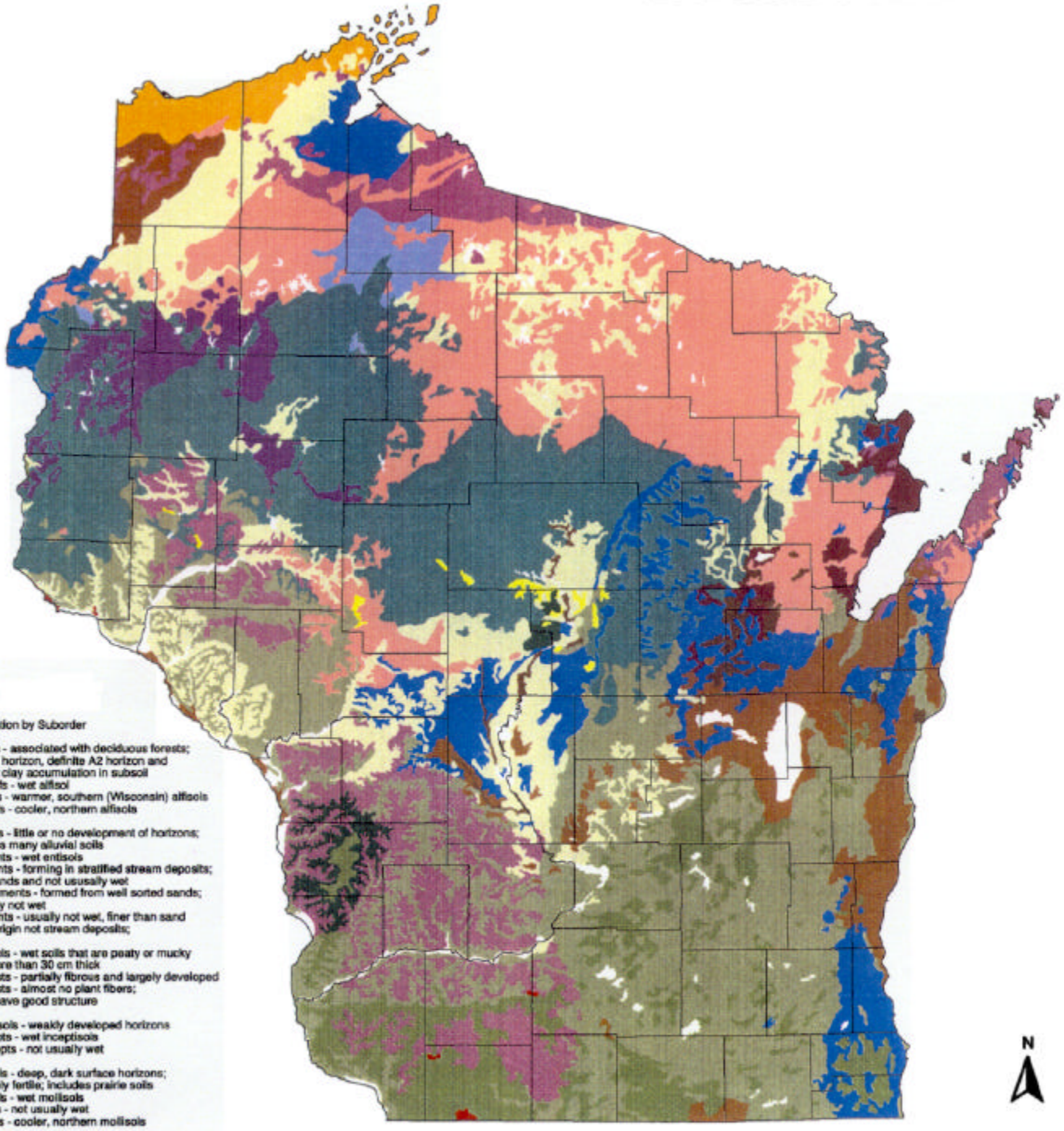
SOIL ASSOCIATION BY SUBORDER



Soil Association by Suborder

Alfisols - associated with deciduous forests; thin A1 horizon, definite A2 horizon and distinct clay accumulation in subsoil
- Aqualfs - wet alfisol
- Udalfs - warmer, southern (Wisconsin) alfisols
- Boralfs - cooler, northern alfisols

Entisols - little or no development of horizons; includes many alluvial soils
- Aquents - wet entisols
- Fluvents - forming in stratified stream deposits; not sands and not ususally wet
- Psamments - formed from well sorted sands; usually not wet
- Orthents - usually not wet, finer than sand other origin not stream deposits;

Histosols - wet soils that are peaty or mucky and more than 30 cm thick
- Hemists - partially fibrous and largely developed
- Saprists - almost no plant fibers; may have good structure

Inceptisols - weakly developed horizons
- Aquepts - wet inceptisols
- Ochrepts - not usually wet

Mollisols - deep, dark surface horizons; relatively fertile; includes prairie soils
- Aquolls - wet mollisols
- Udolls - not usually wet
- Borolls - cooler, northern mollisols

Spodosols - associated with coniferous forests; dark or reddish brown subsoil with iron and organic matter
- Aquods - wet spodosols
- Orthods - not usually wet

N

20 0 20 40 60 Miles

1:2750000

Cartography by Bill Shockley

Wisconsin Transverse Mercator Projection
NAD 1983, 1991 adjustment

Soil maps for the State Soil Geographic (STATSGO) data base are made by generalizing the NRCS county soil survey data. The mapping scale for STATSGO map is 1:250,000. The level for mapping is designed to be used for broad planning and management uses covering state, regional, and multi-state areas.

The data shown on this map are available on a cost of resources basis from WDNR, GeoServices Section. See the "GIS Datasharing" section, visit http://www.dnr.state.wi.us/org/at/et/geo.